

Sherman Ave

Corridor Safety Improvements

2015



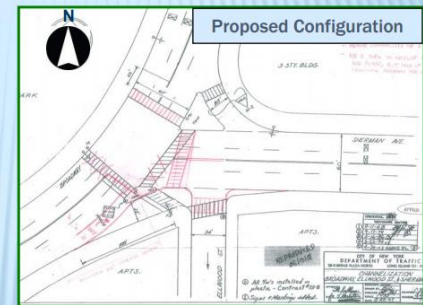
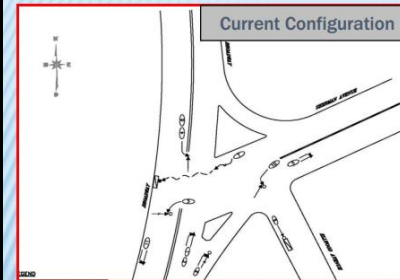
Commissioner Polly Trottenberg, New York City Department of Transportation
Presented by the Pedestrian Projects Group, April 6, 2015 to Manhattan Community Board 12



Project Background

- The Sherman Creek/Inwood Traffic Study, presented on April 5th 2010, developed recommendations for pedestrian safety at 16 critical intersections, including Broadway & Sherman Ave
- DOT presented Sherman Creek – Inwood Safety Improvements to CB 12 on May 2nd 2011; Broadway & Sherman Ave identified as future Department of Design and Construction (DDC) project
- No longer planned for capital project; in-house project developed
- Sherman Ave scheduled for repaving summer 2015

Accident Diagram and Proposed Improvement - Broadway & Sherman Ave -



1. Curb extension on South side
2. Redesign of high visibility crosswalks
3. Signal timing modification

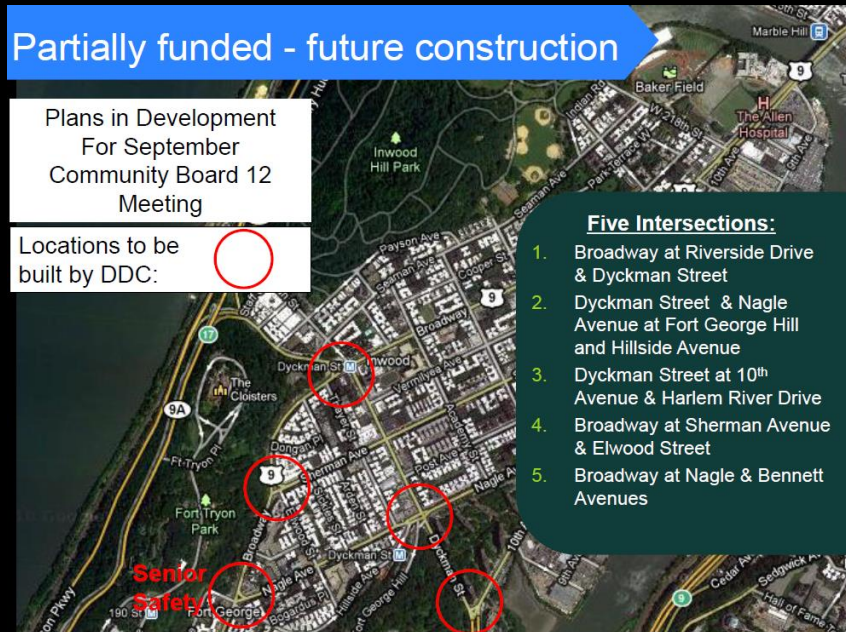


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Partially funded - future construction

Plans in Development
For September
Community Board 12
Meeting

Locations to be
built by DDC:



Five Intersections:

1. Broadway at Riverside Drive & Dyckman Street
2. Dyckman Street & Nagle Avenue at Fort George Hill and Hillside Avenue
3. Dyckman Street at 10th Avenue & Harlem River Drive
4. Broadway at Sherman Avenue & Elwood Street
5. Broadway at Nagle & Bennett Avenues

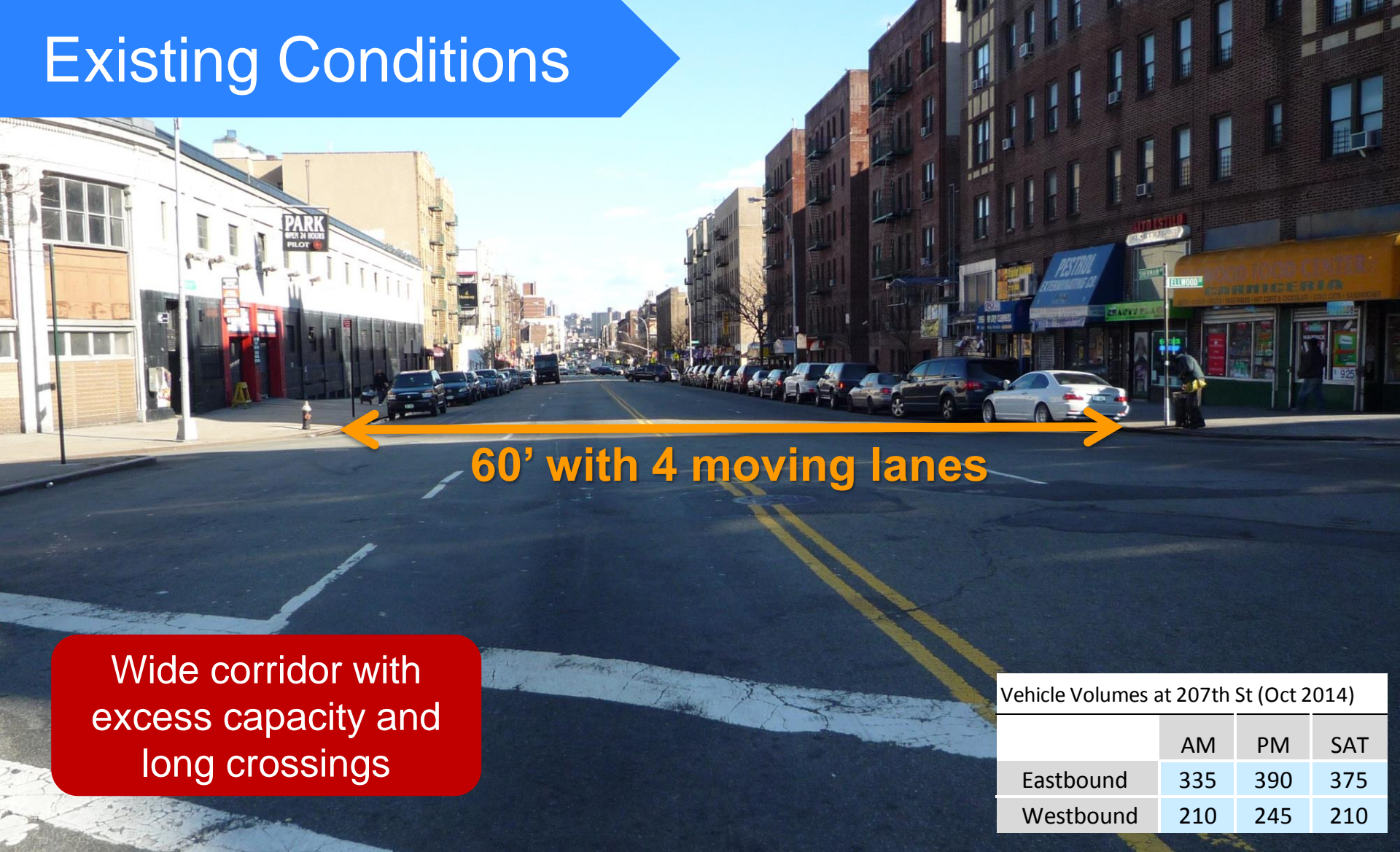
Project Area



Crash History



Existing Conditions



60' with 4 moving lanes

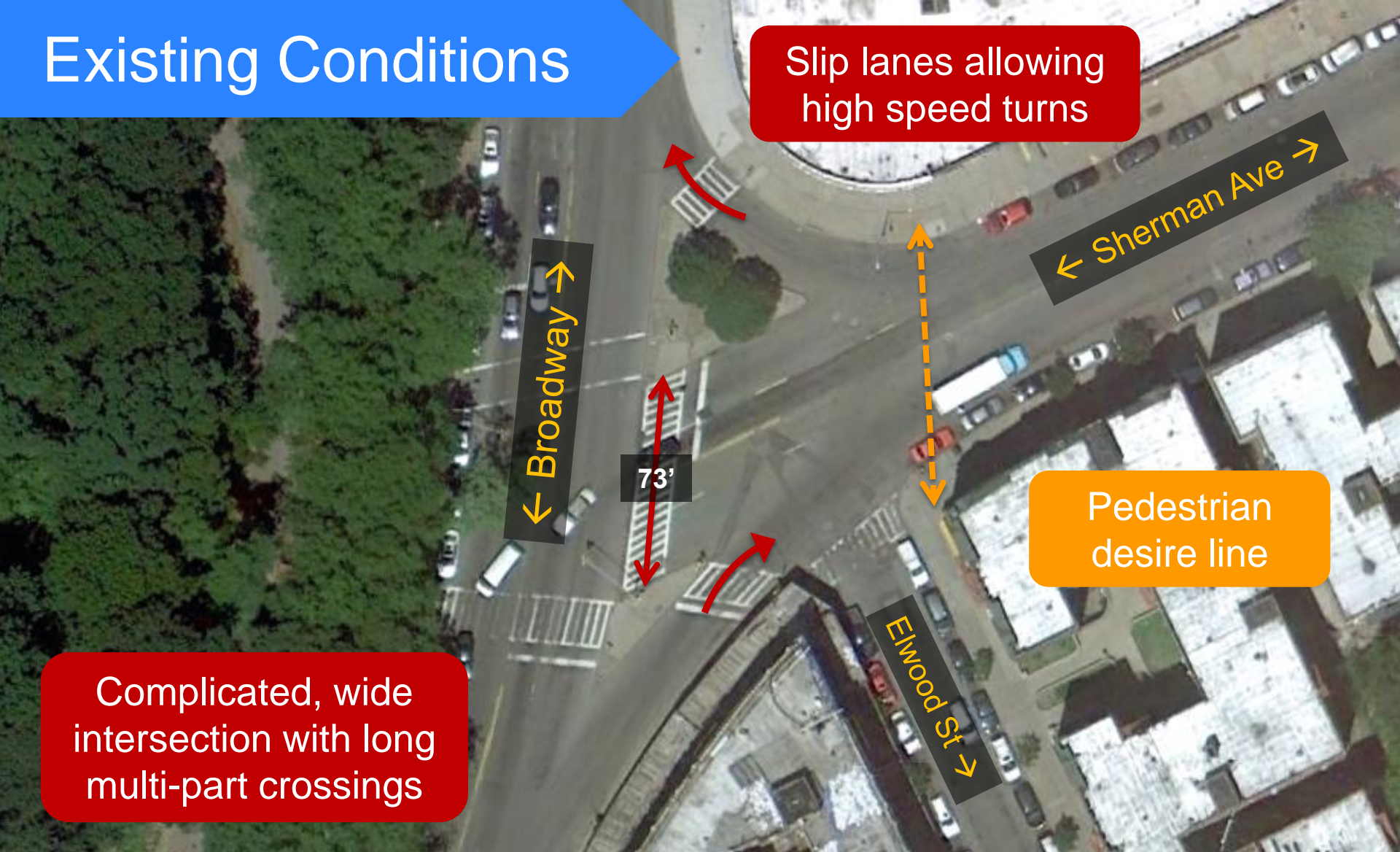
Wide corridor with
excess capacity and
long crossings

Vehicle Volumes at 207th St (Oct 2014)

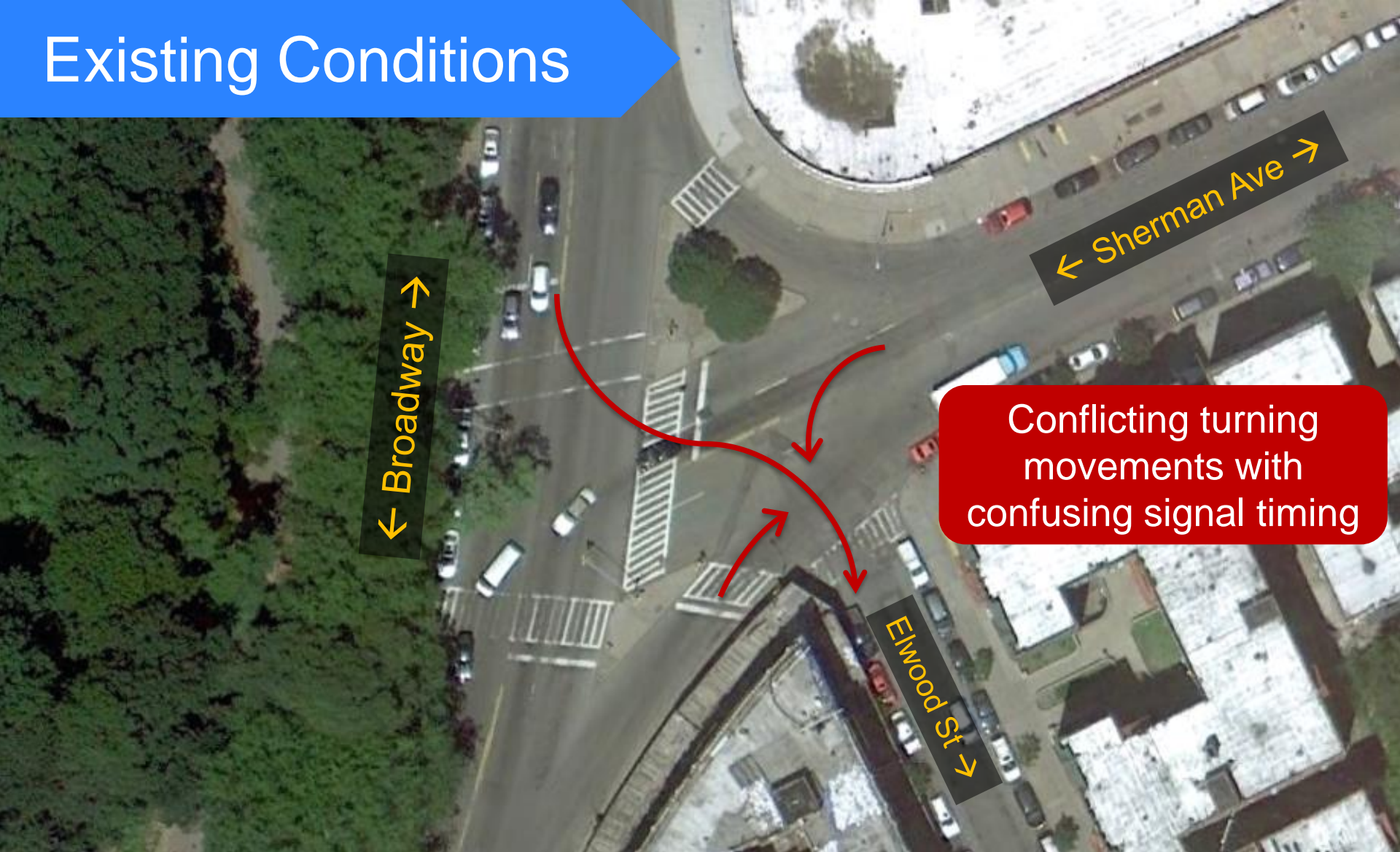
	AM	PM	SAT
Eastbound	335	390	375
Westbound	210	245	210



Existing Conditions



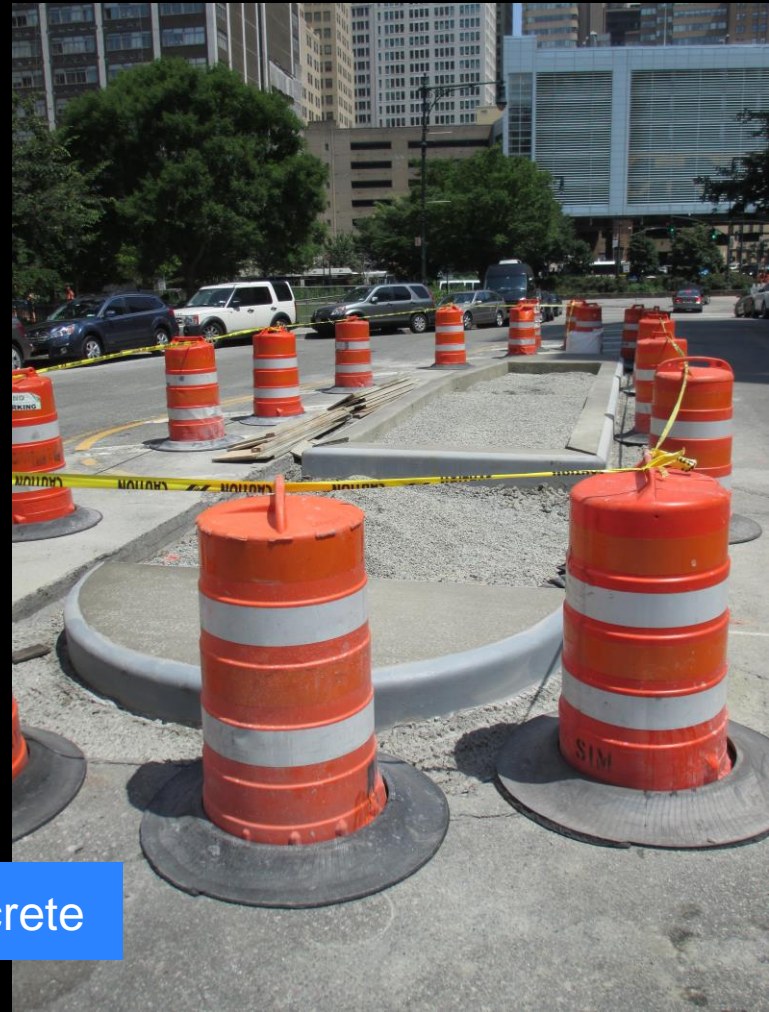
Existing Conditions



Rapid Response Toolkit

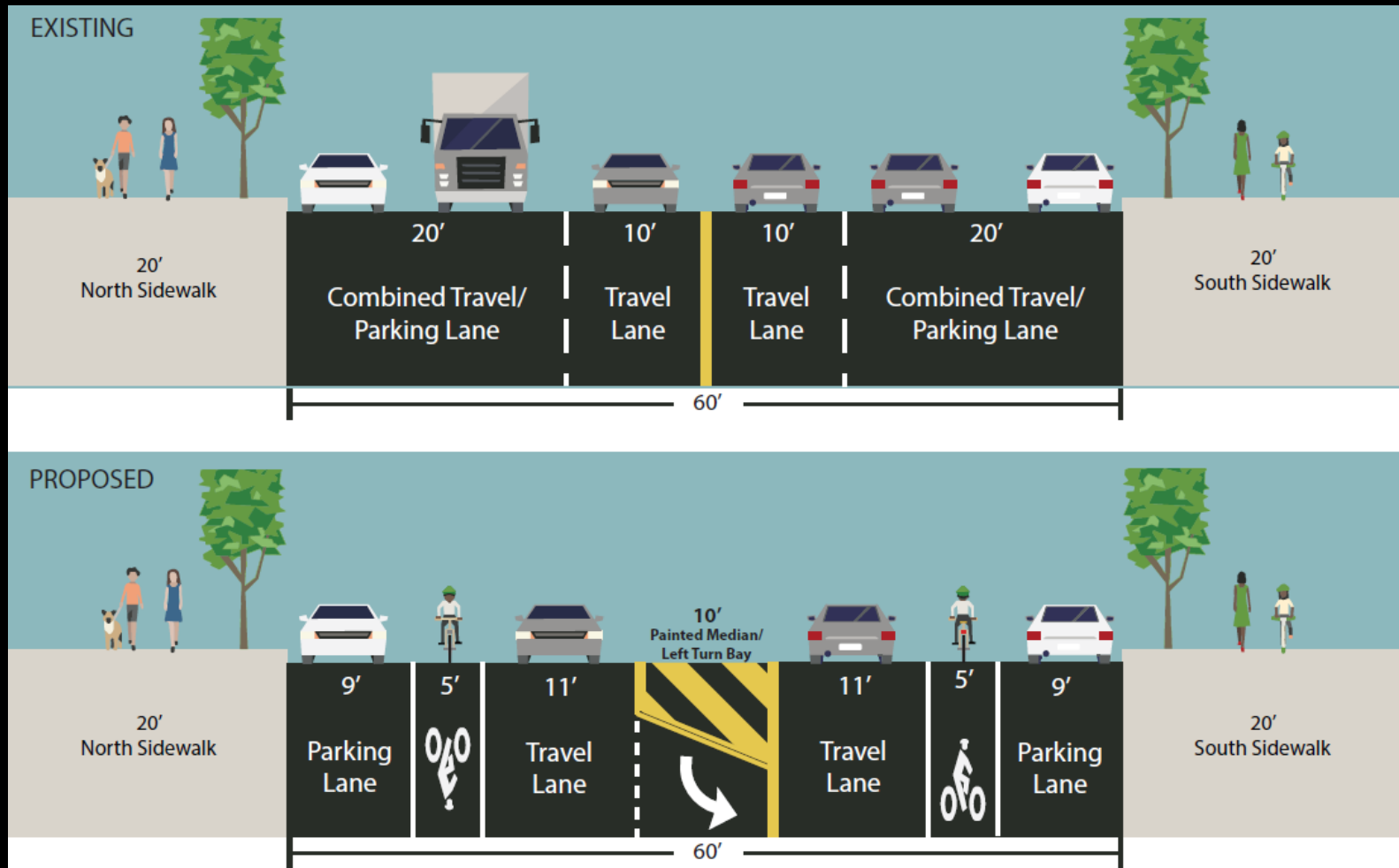


New markings



New concrete

Proposal: Corridor



Proposal: Corridor



Left-turn bay

Bike lane

Painted median

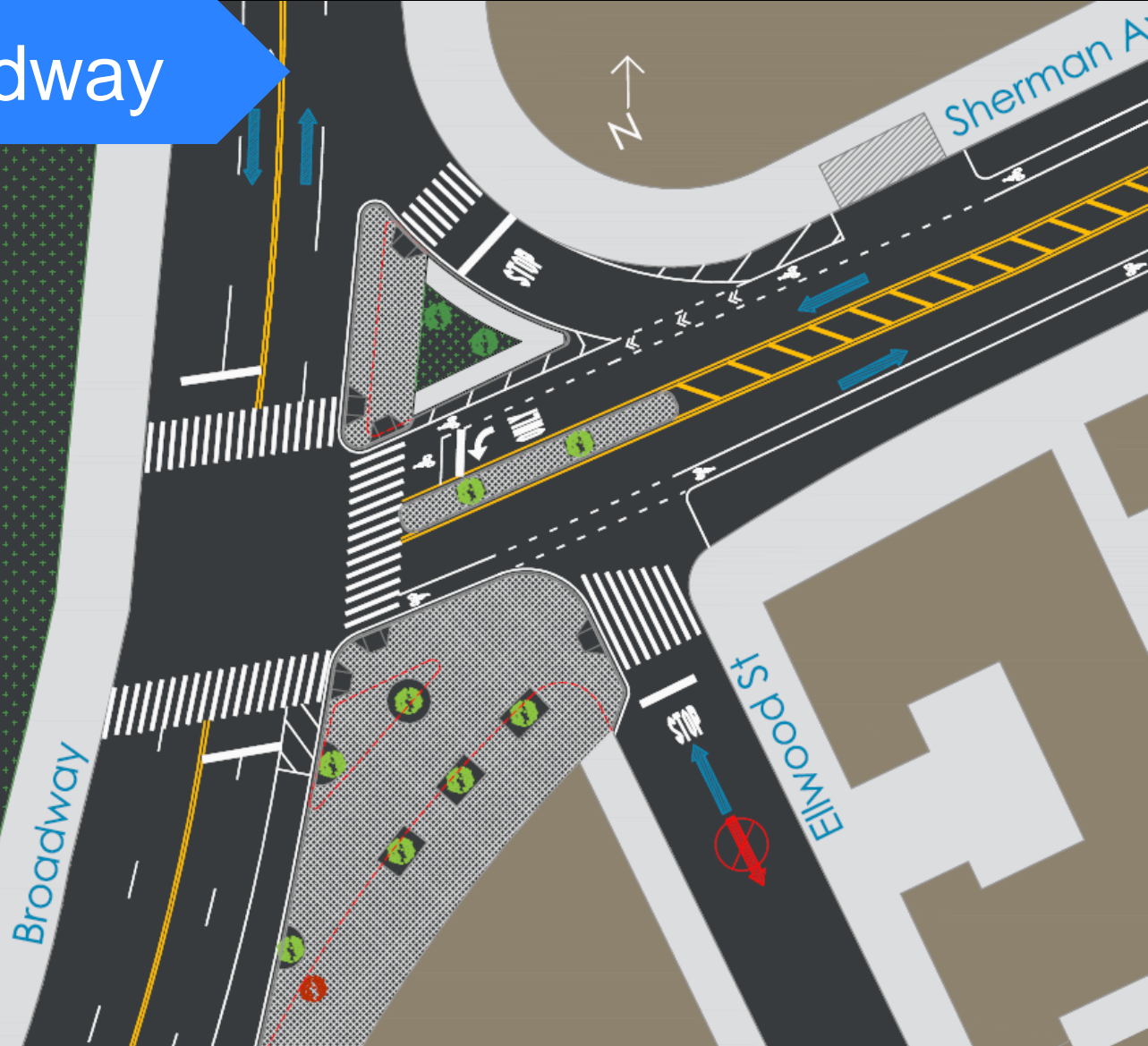
Clarendon Rd, Brooklyn

Proposal: Broadway

Close right turn slip lane from Broadway with concrete sidewalk extension

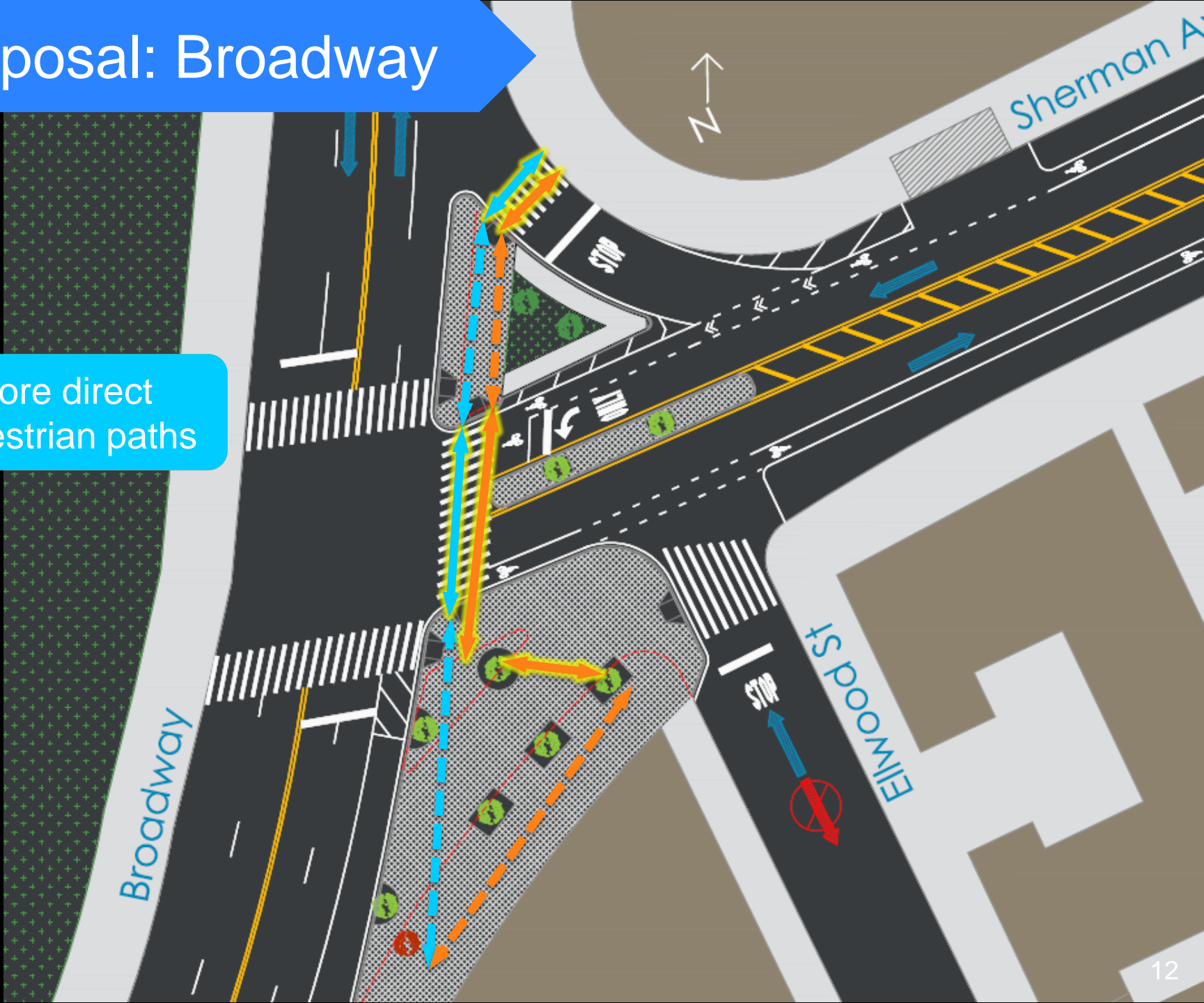
Construct median island with trees

Reverse Ellwood St between Nagle and Sherman Aves



Proposal: Broadway

More direct
pedestrian paths



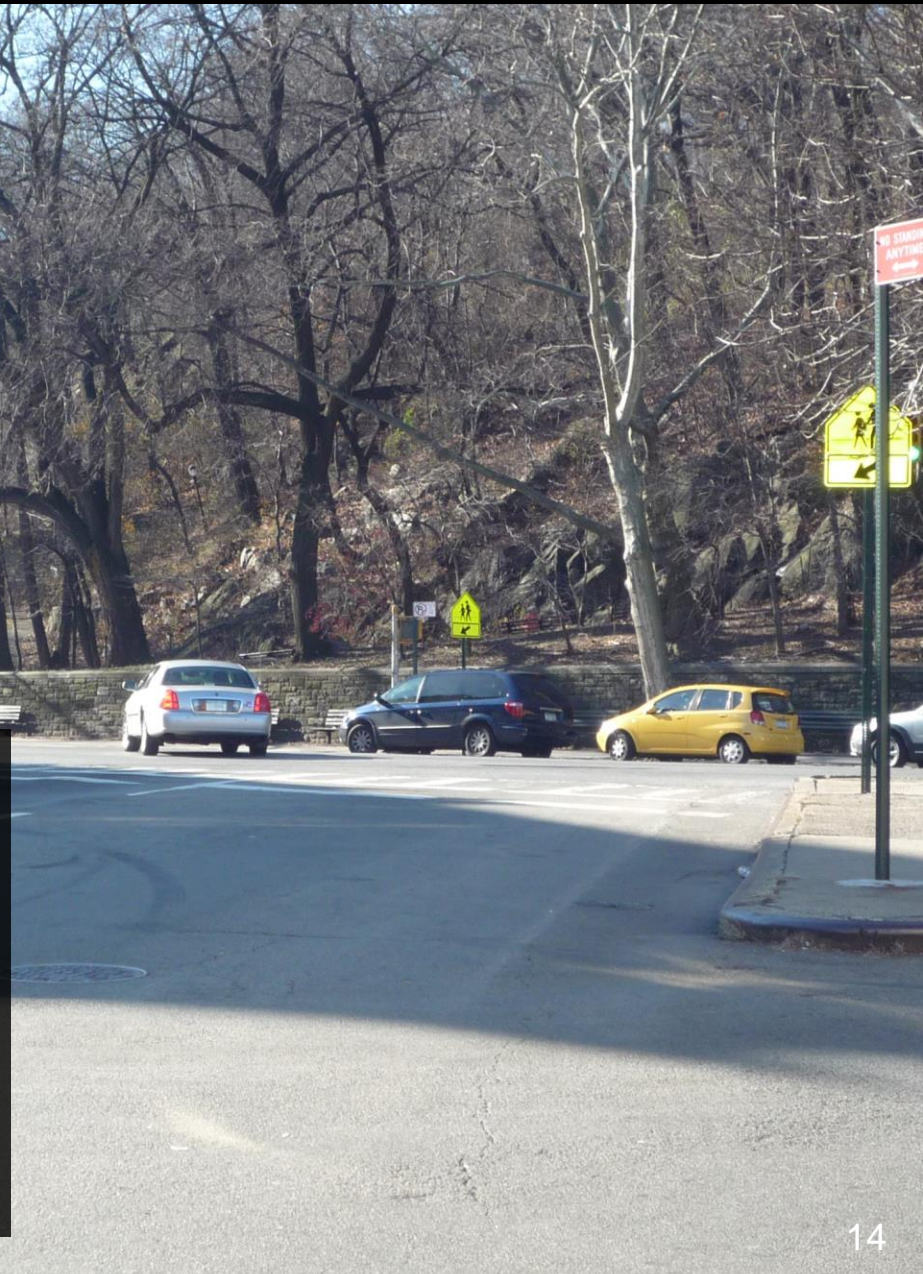
Proposal: Broadway



Benefits

Expected benefits include:

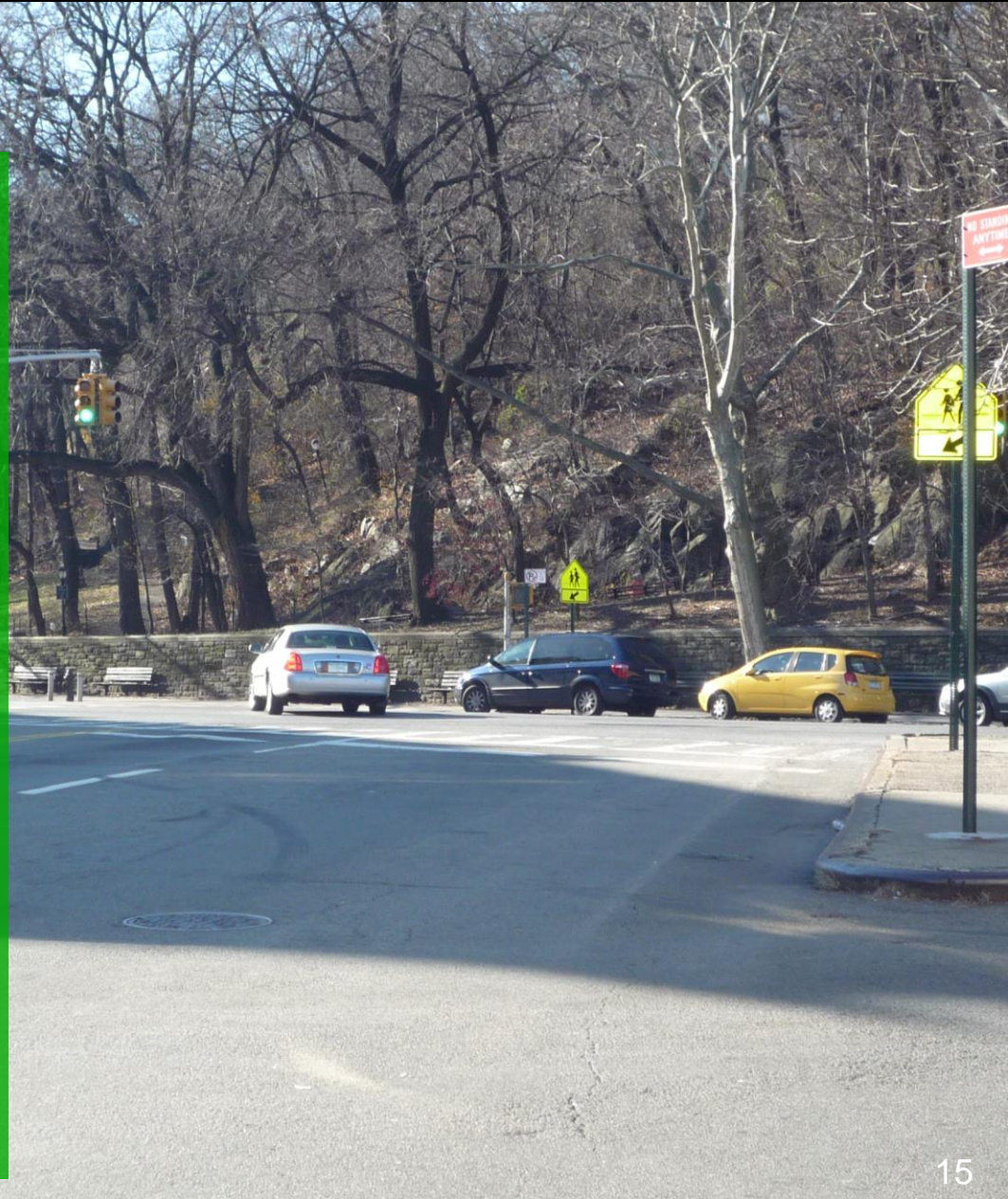
1. Increase safety for all users
2. Create shorter, more direct pedestrian crossings
3. Improve streetscape and calm traffic
4. Clarify vehicular movements
5. Provide bicycle facility



Summary

Proposed Actions:

1. At Broadway and Sherman Ave, build concrete sidewalk extension on SE corner
2. Widen existing triangle island on NE corner
3. Install green median island on Sherman Ave at Broadway
4. Reverse Ellwood St between Sherman Ave and Nagle Ave
5. Install flush median with left-turn bays
6. Install bike lanes in both directions
7. Install high visibility crosswalk markings



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**Thank
You**

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